

## FortLeonardWood, Missouri

Hazardous Materials Control Center

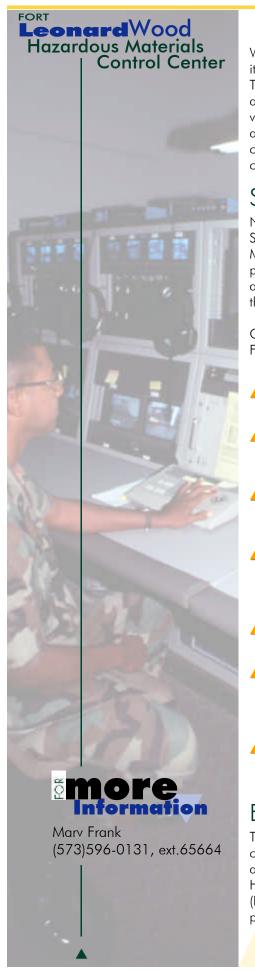


perating since May 1998, the Fort Leonard Wood Hazardous Materials Control Center (HMCC) comprises a 5,000-square-foot warehouse, one climate-controlled hazardous materials (HM) storage unit with a built-in fire containment and suppression system and two ventilated HM storage units. HMCC staff manage an Authorized Usage List (AUL) of almost 400 HM lines and maintain a \$50,000 inventory obtained from excess HM collected from post activities. The post's HM is tracked using the Hazardous Substance Management System (HSMS). A contractor staff - consisting of an HMCC manager, a HSMS database administrator, a supply technician, a material handler and a data entry person - operates the HMCC.

## Induction **Process**

The HMCC has inducted almost all HM users at Fort Leonard Wood. As part of the induction process, HMCC personnel meet with unit personnel to survey their HM. When an activity is inducted, HMCC personnel inventory the activity's HM, determine the inventory shelf life using Department of Defense (DoD) 4140.27M or Quality Status Listing (QSL), remove expired or obsolete inventory for disposal, assist in defining the activity's authorized onhand inventory (i.e., stockage level) and reorder points, and move excess HM to the HMCC.

At Fort Leonard Wood, the Standard Army Retail Supply System (SARSS) contains flag controls for certain stock numbers. If an activity requisitions a "flagged" item, SARSS will alert the appropriate item manager(s) in the Directorate of Logistics (DOL). DOL item managers will review the requisition to determine if the item appears in HMCC's excess inventory. If so, the DOL will cancel the requisition and inform the activity that the item is available at the HMCC free of charge. Otherwise, the DOL processes the requisition. The HMCC does not procure material.



When new HM arrives at Fort Leonard Wood, customers are required to bring it to the HMCC, where staff members apply a barcode and track it in HSMS. The customer then returns the HM to the work area. The HMCC processes and applies barcodes to almost 12,000 items (such as tubes or cans) each month, valued at approximately \$150,000. To complete tracking, the HMCC sets up a return container or area at each activity for empty HM containers. As customers periodically return containers to the HMCC, the staff inventories the containers and completes the lifecycle of each item.

## Strategic Locations

Networked throughout the installation, HSMS workstations are located in the Safety Center, Military Police Station, Department of Public Works, Preventative Medicine and Industrial Hygiene. These workstations allow various installation personnel to access and query HSMS. The HSMS database administrator can also assist these offices in accessing the necessary HSMS information through the Crystal Reports reporting software fielded with HSMS.

Operation of the HMCC has yielded tangible benefits for Fort Leonard Wood. For example:

- In the last year, the HMCC shelf-life management program helped avoid more than \$177,000 HM procurement costs.
- During the same time period, over \$77,000 of HM procurement costs were avoided because units and activities received free issues of excess HM from the HMCC.
- The HMCC was able to issue almost \$5,000 in training aids free for the Chemical School; this saved the 5th Engineers Battalion (BN) almost \$13,000 in hazardous waste (HW) disposal costs.
- The HMCC tracks the locations of chemicals for its inducted customers.

  Other installation personnel (for example, the Fire Department or Environmental Office) use these data for activities such as reporting and compliance inspections.
- The HMCC generates all the Federal and state environmental reports (Form R, Tier I, Tier II, etc.).
- Although the HMCC does not handle HW, it assists the units in the preparation of all the documentation required for HW turn-ins to the Defense Reutilization and Marketing Office (DRMO). When a customer turns in HW to DRMO for disposal, it is tracked within HSMS.
- Other benefits include a significant reduction in HM storage for most of the inducted customers and a safer work environment for installation personnel.

## **Exceptional Support**

The success of Fort Leonard Wood's HM management program and HMCC can be attributed to its exceptional command support and to the commitment and expertise of individuals from many installation organizations. To enhance HMCC's effectiveness, the installation Hazardous Material Control Group (HMCG) meets periodically to discuss any HM management issues, review possible HM substitutions, and reevaluate Attrition, Utilization and Loss (AUL).